

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-336663

(43)Date of publication of application : 26.11.2002

(51)Int.Cl. B01D 65/02  
 B01D 63/02  
 B01D 63/04  
 C02F 1/44

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## (54) FILTRATION APPARATUS

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a filtration apparatus in which the whole hollow fiber membrane bundle can be used effectively for filtration and a scrubbing gas can be supplied to the whole hollow fiber membrane bundle when the filtration apparatus is cleaned.

**SOLUTION:** This filtration apparatus is provided with a hollow fiber membrane module in which the hollow fiber membrane bundle is housed and which is hung in a filtration column and raw water introducing passages which are used when filtration is carried out, are used commonly as scrubbing gas introducing passages when the filtration apparatus is cleaned and are arranged at both of the central part and the peripheral parts of the filtration column in the cross section direction of the hollow fiber membrane bundle.

